

## Press Release

### ***Building 5G on the Foundation of 600 Global LTE Networks The Roadmap to 5G***

**Bellevue, WA – April 19, 2018** – The nearly 600 LTE networks worldwide will form the mobile broadband foundation to the next generation – 5G wireless technology. 5G Americas, the industry trade association and voice of 5G and LTE for the Americas, and RCR Wireless News today announced the publication of [\*New Horizons: The Roadmap to 5G\*](#), a report outlining key milestones in the progression of 5G technologies from LTE.

Chris Pearson, President of 5G Americas commented, “5G standards development, testing, simulations, trials and deployments have shown rapid progress over the past few years. These 5G experiences have boosted the momentum of progress with initial 5G network deployments coming in late 2018 and early 2019.”

In December 2017, the journey to 5G had a green light with completion of the 3GPP standards for Non Standalone 5G New Radio (NSA 5G NR). This formal adoption by 3GPP set in motion concrete plans for deployments. To support user expectations toward 5G, service providers continue to upgrade LTE networks, taking advantage of the spectral and user experience benefits of technologies like carrier aggregation, Licensed Assisted Access, 4X4 MIMO and 256 QAM. In fact, some of the more than 250 LTE-Advanced networks, using radio equipment available on the market, can upgrade certain elements to standard-compliant 5G through simple upgrades. The report, *New Horizons: The Roadmap to 5G* outlines various routes and technologies currently being deployed to arrive at the destination of 5G technology while building on the LTE foundation.

The RCR report is in confluence with the upcoming 5<sup>th</sup> Global 5G Event, [\*5G New Horizons Wireless Symposium\*](#) hosted by 5G Americas on May 16-17 in Austin, TX. The conference is being held at a critical time for industry collaboration as global wireless leaders convene from China, European Union, Japan, South Korea, Brazil, U.S. and Canada to discuss the future of 5G. Topics at the Forum will include spectrum, trials, commercial deployment plans, LTE network transformation, use cases and other important elements of the 5G ecosystem with presentations from operators, association leaders, scientists, manufacturers, analysts, policy makers and academic professors. The Honorable Jessica Rosenworcel, Commissioner of the United States Federal Communication Commission (FCC) will provide the keynote address to open the two-day conference on May 16, 2018.

The report, *New Horizons: The Roadmap to 5G* was written by RCR’s Editor-in-Cheif Sean Kinney and is available for free download. [RCRWireless News](#) is the official Broadcast News partner for 5G New Horizons Wireless Symposium. For a complete agenda and the list of panels, keynotes and speakers at the Symposium, visit [5GNewHorizons.com](#). Registration is open for the limited capacity 5<sup>th</sup> Global 5G Event co-located with both [5G North America](#) and [BCE](#) at the Austin Convention Center in Austin, Texas from May 16-17, 2018.

For a complete list of LTE deployments worldwide, visit the 5G Americas [website](#). Analysis for the deployment list is provided by TeleGeography, GlobalComm Database.

## About the Global 5G Event

The Global 5G Event is where the world's leading 5G organizations discuss the latest research and development achievements and views on 5G technologies, spectrum, standardization, field trials, applications, the future roadmap and global collaboration. The series of events is based on a multi-lateral Memorandum of Understanding to cooperate on building global consensus on 5G with the world's 5G promotion organizations: 5G Americas (Americas), the Fifth Generation Mobile Communications Promotion Forum (5GMF, Japan), 5G Forum (Republic of Korea), IMT-2020 (5G) Promotion Group (China), 5G Infrastructure Association (5G-IA, Europe) and Telebrasil – 5G Brazil Project (Brazil).

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### About 5G Americas: The Voice of 5G and LTE for the Americas

5G Americas is an industry trade organization composed of leading telecommunications service providers and manufacturers. The organization's mission is to advocate for and foster the advancement of 5G and the transformation of LTE networks throughout the Americas region. 5G Americas is invested in developing a connected wireless community for the many economic and social benefits this will bring to all those living in the region. 5G Americas is headquartered in Bellevue, Washington. More information is available at [www.5gamericas.org](http://www.5gamericas.org).

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5G Americas' Board of Governors members include: América Móvil, AT&T, Cable & Wireless, Cisco, CommScope, Ericsson, Intel, Kathrein, Mavenir, Nokia, Qualcomm Incorporated, Samsung, Shaw Communications Inc., Sprint, T-Mobile US, Inc., Telefónica and WOM.

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